Message from the Workshop Chairs

This volume contains the papers presented at the 2016 International Workshop on Cyber-physical Systems for Smart Water Networks (CySWater 2016), which is held in conjunction with the Cyber-Physical Systems Week in Vienna, Austria, on 11 April 2016. CySWater 2016 focuses on the cross-disciplinary issues between advances in Cyber Physical Systems and their applications in Water Networks, and as such it could not find a better home than the highly prestigious CPS Week and the conferences and workshops co-located therein.

The organization of CySWater was stimulated by the engineering and societal challenges of successfully blending Cyber-physical Systems and Water Networks, identifying the emerging research and engineering questions, and proposing realistic solutions. Since 2015, CySWater aims to bring researchers and engineers from the fields of Communications, Networking, Processing, and Learning and practitioners from the Water Industry to both share their experiences, as well as formulate novel CPS paradigms that are tailored to the needs of Smart Water Management.

The CySWater 2016 program consists of 8 full research papers and covers control, signal processing, security and experimental aspects of designing and evaluating the efficacy of Cyber-Physical Systems in the Water Management arena. The papers have been selected after a peer-blind review process and we believe that they will stimulate fruitful interactions between the workshop’s delegates and make CySWater 2016 a top-quality research and networking forum.

This workshop would not be possible without the contributions and efforts made by the CPS Week 2016 Workshop Co-chairs, Ana Sokolova and Christoph Kirsch (University of Salzburg), the CPS Week Organizers, the CySWater 2016 Organizing and Technical Program Committees, acknowledged below, and most importantly all prospective authors that have supported this effort by submitting their highly qualitative work.

P. Tsakalides and B. Beferull - Lozano
CySWater Workshop Co-Chairs